

Vaishnavi Tyagi

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EDUCATION

- **Banasthali University** Jaipur, India
Bachelor of Technology - Computer Science; CGPA: 9.25 *July 2021 - June 2025*
- **Central Academy** Lucknow, India
Intermediate; Percentage: 83.2
- **Homerton Grammar School** Faridabad, India
High School; Percentage: 88.2

SKILLS

- **Languages:** C, C++, JavaScript(Beginner), SQL,HTML ,CSS,Python
- **Concepts:** Database Management,Data Structures and Algorithms, OOP
- **Tools:** MySQL , Postman , Jupyter Notebook, Visual Studio Code,PyCharm
- **Libraries:** Scikit-Learn ,Pandas ,Matplotlib
- **Soft Skills:** Leadership,Project Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Keplay API Fellowship** *Jan 2023 - Feb 2023*
Completed Phase 1
Successfully acquired fundamental API skills during API fellowship.
- **Codess Cafe Cohort** *May 2023 - July 2023*
OSS Mentee
With the assistance of Codess Cafe, I've gained valuable open-source knowledge.

PROJECTS

- **Hindi Character Recognition.** (Ongoing) :
 - Tech Stack Used: Python and Jupyter Notebook .
 - Constructed models using SVC,Logistic Regression and KNN algorithms.
 - Build with dataset of 92,000 samples.
- **3T :**
 - Tech Stack Used:HTML, CSS, and JavaScript.
 - This 3T project is a 3×3 grid tic-tac-toe game where two players take turns marking spaces.
 - Link:3T.com
- **DataVis Explorer :**
 - Tech Stack Used: Streamlit and Python.
 - Developed a Data Visualizer web application enabling visualization of CSV data files.
 - Implemented features for dynamic plot generation.
- **Airline Reservation System):**
 - Tech Stack Used: C++.
 - Implemented core functionalities for airline reservation featuring object-oriented design .
 - Used multiple classes for customer management,flight registration, and ticketing.
 - Link:GithubCode

ACHIEVEMENTS

- TOP 10 in **WE Hackathon** supported by **Microsoft**.
- Event Organizer in School(organized farewell)
- Won District Level Hindi Essay Writing Competition
- Performed at Therav(poetry event)
- Participated in Sports Opening Ceremony